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Susan A. Hickey
Buchanan Ingersoll, P.C.
February 16, 2004
Date

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/717,106
Applicant : R.W. HYLAND, JR., et al.
Filed : November 19, 2003
Title : PHOTOLUMINESCENT ALKALINE EARTH ALUMINATE
AND METHOD FOR MAKING THE SAME

Group Art Unit :
Examiner :

Docket No. : 020838

INFORMATION DISCLOSURE STATEMENT

Pittsburgh, Pennsylvania 15219
February 16, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 C.F.R. Sections 1.56, 1.97 and 1.98, Applicant submits the documents listed on the attached PTO Form SB/08A for consideration during prosecution of the above-captioned patent application filed on November 19, 2003. Applicant hereby requests the Examiner to review and make an independent evaluation of the art.

This statement is made solely for the purpose of compliance with the above-identified rules and is not intended to be a substitute for an independent search by the Examiner and no representation of any such nature is made or intended by this statement.

In accordance with Section 1.97(b)(1), this statement is being submitted within three (3) months of the filing date.

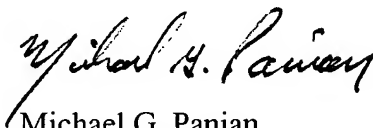
All but two (2) of the cited references are in the English language.

Japanese Patent references 56-2116 (Shibaura) and 56-152883 (Shibauri) are cited of record in U.S. Patent No. 5,424,006. Shibauri includes an English language abstract and was cited as disclosing a Ba-Mg aluminate phosphor doped with Eu and Mn (Fig. 3) that would be phosphorescent.

Shibaura was cited as disclosing the use of Mg in conjunction with Ba and Mn in conjunction with Eu in Eu doped alkaline earth aluminate phosphors.

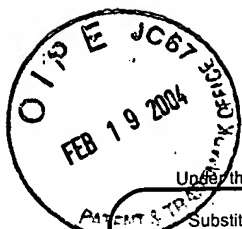
Also enclosed is a return postcard. Please date stamp and mail the postcard to acknowledge receipt of the above-mentioned correspondence.

Respectfully submitted,



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Attorney for Applicants



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/717,106
Filing Date	November 19, 2003
First Named Inventor	R.W. Hyland, Jr.
Art Unit	
Examiner Name	
Attorney Docket Number	020838

Sheet 1 of 3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,294,699	12-27-1966	H. Lange	
		US- 3,502,592	03-24-1970	R.L. Amster	
		US- 3,595,802	07-27-1971	G. Blasse	
		US- 4,216,408	08-05-1980	Verstegen, et al.	
		US- 4,524,300	06-18-1985	Rutten, et al.	
		US- 4,644,223	02-17-1987	de Hair, et al.	
		US- 4,795,588	01-03-1989	Pet, et al.	
		US- 4,806,825	02-21-1989	Catherall, et al.	
		US- 5,273,681	12-28-1993	Srivastava	
		US- 5,376,303	12-27-1994	Royce, et al.	
		US- 5,424,006	06-13-1995	Murayama, et al.	
		US- 5,644,193	07-01-1997	Matsuda, et al.	
		US- 5,686,022	11-11-1997	Murayama, et al.	
		US- 5,698,301	12-16-1997	Yonetani	
		US- 5,770,111	06-23-1998	Moriyama, et al.	
		US- 5,811,174	09-22-1998	Murakami	
		US- 5,879,586	03-09-1999	Kitamura, et al.	
		US- 5,885,483	03-23-1999	Hao, et al.	
		US- 6,117,362	09-12-2000	Yen, et al.	

FOREIGN PATENT DOCUMENTS

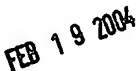
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EPO 0 094 132	11-16-1983	Hoeks, et al.		
		Japan 56-2116		Shibaura		
		Japan 56-152883		Shibauri		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet	2	of	3
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Complete if Known

Application Number	10/717.106
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Filing Date	November 19, 2003
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First Named Inventor	R.W. Hyland, Jr.
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Art Unit

Examiner Name

Attorney Docket Number	020838
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U. S. PATENT DOCUMENTS

[illegible]

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STATEMENT BY APPLICANT**

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Complete if Known**Application Number** 10/717,106**Filing Date** November 19, 2003**First Named Inventor** R.W. Hyland, Jr.**Art Unit****Examiner Name****Attorney Docket Number** 020838

Sheet 3

of

3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		KINZO NONOMURA, HIDETAKA HIGASHINO, and RYUICHI MURAI, "Plasma Display Materials," MRS Bulletin, November 2002, pp. 898-902	

**Examiner
Signature****Date
Considered**

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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